

PATENT ABSTRACTS OF JAPAN

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(54) METHOD FOR ASSEMBLING MULTIFIBER OPTICAL FIBER CONNECTOR

(57)Abstract:

PURPOSE: To easily assemble optical fibers in a ferrule by inserting plural optical fibers into plural fine holes of the ferrule while guiding the fibers by a guide member.

CONSTITUTION: The guide member 5 is set up on the recessed part 1b of the ferrule 1 and engaged with plural guide grooves 1c. Plural semiconical guide grooves 5a corresponding to the shapes of the guide grooves 1c are formed on the lower face of the member 5. Plural bare optical fibers 2 are inserted from an aperture 1d into respective guide holes 6 formed by the guide grooves 1c, 5a. Thereby, respective bare fibers 2a are smoothly inserted into fine holes 1a without being abutted upon the peripheral edges of the fine holes 1a. Thereby, optical fibers in a ferrule can be simply assembled even if worker is inexperienced.

